IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC Attorney Docket No.: 117710 P.O. Box 19928 Alexandria, Virginia 22320 Date: November 7, 2003 Telephone: (703) 836-6400 Facsimile: (703) 836-2787 MAIL STOP PATENT APPLICATION Customer Number: 25944 NONPROVISIONAL APPLICATION TRANSMITTA **RULE §1.53(b)** Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application ADAPTIVE VALUE GENERATING APPARATUS, ADAPTIVE PROCEDURE For (Title): CONTROL PROGRAM, AND ADAPTIVE GENERATING PROGRAM Satoru WATANABE; Akira OHATA; Masato EHARA By (Inventors): \boxtimes Formal drawings (Figs. 1-13; 13 sheets) are attached. for front page of Publication. Use Figure A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No. filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application No. 2002-352028 filed December 4, 2002 in JAPAN is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA		
BASIC FEE				
TOTAL CLAIMS	19 - 20	= 0		
INDEP CLAIMS	4 - 3	= 1		
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED				

^{*} If the difference is less than zero, enter "0".

	SMALL ENTITY		
	RATE	FEE	
		\$ 385	
	x 9=	\$	
	x 43 =	\$	
	+ 145 =	\$	
	TOTAL	\$	
n	a fee is attack	ad Except	٠.,

OTHER THAN A **SMALL ENTITY**

OR **OR** <u>OR</u> <u>OR</u> <u>OR</u>

OR

RATE	FEE
	\$ 770
x 18	\$ ·
x 86	\$ 86
+ 290	\$
TOTAL	\$ 856

 \boxtimes Check No. 148066 in the amount of \$856 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

s A. Oliff Registration No. 27,075

Joel S. Armstrong Registration No. 36,430